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SECURITY INFORMATION

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**INFORMATION REPORT
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REPORT

CD NO.

COUNTRY Hungary

DO NOT CIRCULATE

DATE DISTR. 22 August 1952

SUBJECT The Bridge Near Dunaföldvár

NO. OF PAGES 1

DATE OF
INFO.

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ATTACHMENT 1 (1 sketch)
NO. OF ENCLS.
(LISTED BELOW)PLACE
ACQUIREDSUPPLEMENT TO
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THIS IS UNEVALUATED INFORMATION

25X1 1. The railroad and highway bridge over the Danube near Dunaföldvár was opened
to traffic on 23 December 1951. The task of building the bridge and of removing
the old one lasted 17 months.

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2. The firms that constructed the bridge were the following:

Car Factory, Győr
Ganz Shipyard, Budapest
MAVAG, Budapest

Originally it had been planned to weld the bridge, but later this idea was
abandoned and instead riveting was used.

3. Characteristics of the bridge:

- a. Weight of the steel section: 3,300 tons
- b. Over-all weight of the bridge: 5,500 tons
- c. Total length of the arches over the Big Danube: about 496 meters.
- d. The bridge rests on 2 piers and 3 pillars.
- e. Distance between pillars: 124 meters.
- f. The roadway of the bridge is 12 meters above the mean water level.
- g. The main supports are 16 meters high.
- h. The lower base on which the approach to the bridge from the right bank
of the Danube rests, is 8 meters larger than the upper base.
- i. The present width is 7.50 meters, compared with the previous width of
6 meters.
- j. The railroad tracks, which formerly were in the center of the span, now
lie along the northern side of the bridge. Following the widening of the
bridge, it can now serve both as a railroad and a highway bridge.
- k. On both sides of the highway pavement, sidewalks with a width of 1.20 meters
have been constructed.
- l. The bridge can support a weight of 2,500 kilograms per square meter, with
a quadruple coefficient of safety.
- m. Total expenses of the bridge amounted to 360 million forints.
- n. The bridge crossing the small arm of the Danube at Solt is 80 meters long.
It has a single span.

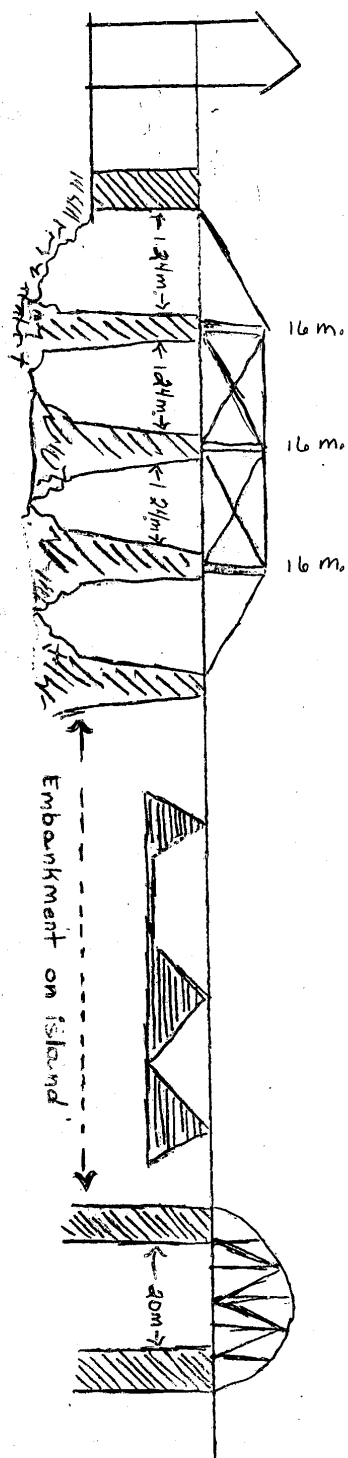
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Attachment-page 1

RAILROAD AND HIGHWAY BRIDGE NEAR DUNAFÖLDVÁR



Pedestrians
 1.20m
 Highway
 7.50m
 Pedestrians
 1.20m